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From Ryan McCarthy

Re Interview Agenda and Proposed Claim Amendments
Application No.: 10/659,056
Our Ref.: 13913-0083001

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Message Examiner Dao,

Please see the attached Interview Agenda and Proposed Claim Amendments.

Kind Regards,

Ryan McCarthy

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AGENDA - EXAMINER INTERVIEW
U.S. App. No. 10/659,056
Our Ref. 13913-0083001
Date: April 30, 2009, 3PM EST (2PM CST)

- I. Review proposed claim amendments (attached)
- II. Discuss references in view of proposed claim amendments:
 - a) SAML
 - i) SAML is not relevant:
 - SAML provides a framework for exchanging security information between a requestor and a SAML authority.
 - SAML is not directed to selectively activating checkpoints that are embedded within an executable computer program.
 - Consequently, several of the claim features are absent from SAML.
 - b) Dwyer
 - i) Provides a program that is operable in 3 modes:
 - mode 1 = assertion testing is turned ON;
 - mode 2 = assertion testing is turned OFF; and
 - mode 3 = assertion testing in ON, but only to extent that performance is not significantly affected.
 - ii) Dwyer fails to disclose claim features that are also absent from SAML.
- III. Confirm claim amendments define over the currently cited references.

PROPOSED CLAIM AMENDMENTS

U.S. App. No. 10/659,056

Our Ref. 13913-0083001

1. (Currently Amended) A ~~computer-readable medium~~ machine-readable storage device encoded with a computer program comprising instructions that, when executed, operate to cause a computer to perform operations comprising:

establishing a plurality of checkpoints in a computer program, the computer program having a program structure, each checkpoint in the plurality of checkpoints including an assertion statement that tests whether a specified condition is true, and a breakpoint that halts execution of the computer program, the assertion statement including an argument to activate logging with programmer-controlled granularity, the argument being used to determine whether to update a log entry when the assertion statement fails;

assigning each checkpoint in the plurality of checkpoints to a checkpoint group of a plurality of checkpoint groups without regard to the program structure of the computer program, the assignment of each checkpoint to a the checkpoint group being specified in the a statement defining the respective checkpoint, and each checkpoint group including a respective identification;

associating each checkpoint group with one of a plurality of activation variants that indicates a behavior based on a result of the assertion statement, wherein checkpoint groups associated with an activation variant behave in accordance with the activation variant;

selectively activating at least one checkpoint group based on the respective identification; indicating the activation variant of the plurality of activation variants, in accordance with the at least one checkpoint group is to behave; and

executing the computer program, wherein only the at least one checkpoint group of the computer program is executed, and a remainder of the plurality of checkpoint groups, if any, is not executed

~~executing a non-activatable checkpoints; and~~

~~selectively executing at least one checkpoint of the plurality of checkpoints based on an activation status of the checkpoint group.~~